



**FERMILAB 2013 SHUTDOWN**

## **ALARA Topics**

### **Introduction**

**Don Cossairt**

### **Overview of the Fermilab ALARA Program**

**Kathy Graden**

### **Overview of the Fermilab External Dosimetry Program**

**Susan McGimpsey**

### **Accelerated Protons and Personnel Doses**

**Don Cossairt**

### **Shutdown Doses from the Perspective of the Accelerator Division Radiation Safety Group**

**Gary Lauten**

### **NOvA Shutdown Coordination and Radiation Dose Mitigation**

**Cons Gattuso**

*As Mike mentioned in our last staff meeting, experiments are the reason FSO is here. Both the ESH&Q Section Radiation Protection Group and the Accelerator Division Radiation Protection Group, have the daunting jobs of supporting accelerator operations and project managers while still providing DOE regulatory occupational radiation protection reports. This presentation summarizes the successful work planning activities of the safety support groups and the subsequent data analysis compiled for reporting. This presentation is my opportunity to introduce the Fermilab health physicists and engineers who generate our transmittal letters and attachments. We are proud of Fermilab's achievements which are evident by safe shutdowns and the reduction in and control of radiation workers' exposures. The Engineered components installed in enclosures now will lower radiation dose rates over the Intensity Frontier. Many facets of the 2012-2013 Shutdown have been captured in PARS by FSO staff's boots-on-the-ground activities. You'll enjoy the overview in its entirety. I hope the paperwork FSO handles routinely will become more meaningful.*

*Berline, 14 jan 22*